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QUEEN THOMAS Queen Thomas  
Printed Name Signature

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Lihua Huang, *et al.* )  
 )  
For : Human Protein C Polypeptide )  
 )  
Docket No. : X-12279A )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

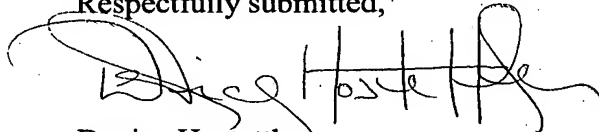
Sir:

As a means of complying with the duty of disclosure, Applicants submit an "Information Disclosure Citation In An Application" on a Form PTO-1449 (modified) and provide a copy of each of the listed documents for consideration by the Examiner.

Since this Statement is being filed in accordance with 37 C.F.R. 1.97(b), Applicants submit that no additional fee is required.

Applicants request consideration of this information.

Respectfully submitted,



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September 25, 2003

FORM PTO 1449 (modified)  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty. Docket No. X-12279A	Serial No
	Applicants Huang, et al.	
	Filing Date	Group

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pages or Relevant Figures Appear
	AA	US			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number 4-Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO 91 12320 A	08-22-1991	Zymogenetics, Teijin		
	BB	JP 05 064588 A	03-19-1993	Teijin	abstract	
	BC	WO 9109960 A	07-11-1991	Zymogenetics		
	BD	EP 352651 A	1/31/90	Hoechst Japan		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published.	T <sup>6</sup>
	CA	EHRlich, H.J., et al., 1989, "Direct expression of recombinant activated Protein C, a serine protease," <i>The Journal of Biological Chemistry</i> , 264(24):14296-14304.	
	CB	GRINNELL, et al., "Expression, Characterization, and Processing of Recombinant Human Protein C from Adenovirus-Transformed Cell Lines," pp. 226-236, <i>Genetics and Molecular Biology of Industrial Microorganisms</i> (C. Hersherberger, S. Queener, and G. Hegeman, Eds.) (1989), American Society for Microbiology: Washington, DC 20005.	
	CC	KATSUMI, A., et al., 1998, "The carboxyl-terminal region of Protein C is essential for its secretion," <i>Blood</i> , 91(10):3784-3791.	
	CD	LIND, et al., "Splice site mutation in the human protein C gene associated with venous thrombosis: demonstration of exon skipping by ectopic transcript analysis" <i>Blood</i> , 82(8): 2423-2432 (15 October 1993).	
	CE	SUGAHARA, et al., "Protein C deficiency Hong Kong 1 and 2: Hereditary protein C deficiency caused by two mutant alleles, a 5-nucleotide deletion and a missense mutation", <i>Blood</i> , 80(1):126-133, July 1992.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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